

**T80S SERIES
FRP RO PRESSURE VESSEL**

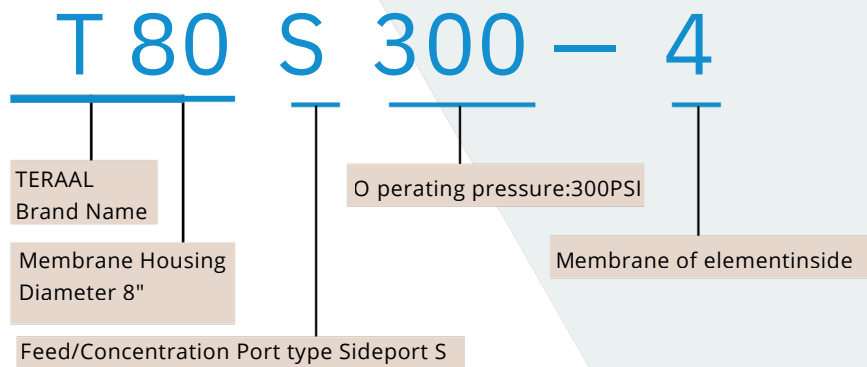
Low pressure (300 Psi/450 Psi)
For 1 -7 membraneelements



High pressure (600 Psi/1000 Psi/1200 Psi)
For 1 -7 membraneelements



Explanation of codes of teraal membrane pressure vessels:



All teraal FRP RO membrane housing will be strictly according to ASME BPVC-XBoilers and Pressure Vessels Code. Used for industrial waste water treatment, brackish water, seawater desalination RO plant and projects.

100% quality assurance test with 1.2 times hydrostatic pressure maintained for at least five minutes, so guarantee the safety and no leakage.

Quality Assurance: 100,000 times cycle test, and burst test with 6 times of its design pressure

Warranty: 12 months

| Model | 8" side port / low pressure | 8" side port / high pressure |
|--------------------------------|------------------------------------|------------------------------------|
| T80S300/450 | T80S300/450 | T80S600/1000/1200 |
| Design Pressure | 300/450 PSI | 600/1000/1200 PSI |
| Cyclic Test | 100,000 times | 100,000 times |
| Burst Pressure | 6 times of working pressure | 6 times of working pressure |
| Elements Quantity | 1-7 | 1-7 |
| Operating pH Range | pH 3-11 | pH 3-11 |
| Operating Temperature | -10°C-66°C (14°F - 150°F) | -10°C-66°C (14°F - 150°F) |
| Feed/Concentration Port | 1.5"/2"/2.5"/3" | 1.5"/2"/2.5"/3" |
| Permeate Port | 1" BSP | 1" BSP |

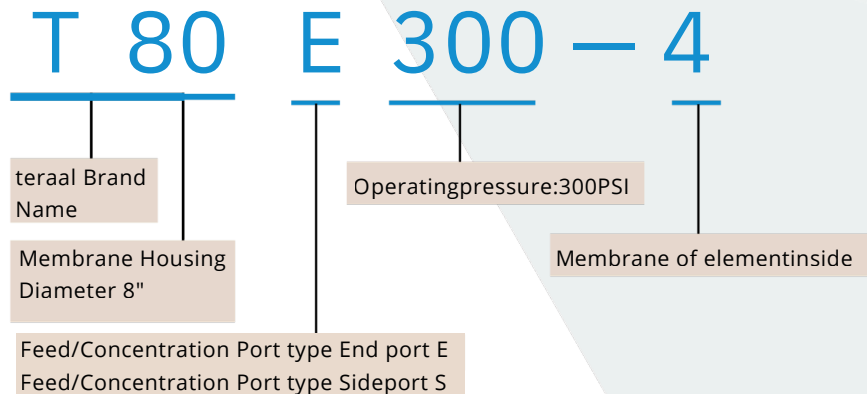
Feed/Concentration Port type Sideport S

S80E SERIES
FRP RO PRESSURE VESSEL

Low pressure (300 Psi/450 Psi)
For 1 -7 membraneelements

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100% quality assurance test with 1.2 times hydrostatic pressure maintained for at least five minutes, so guarantee the safety and no leakage.

Quality Assurance: 100,000 times cycle test, and burst test with 6 times of its design pressure

Warranty: 12 months

| Model | 8" side port / low pressure | 8" side port / high pressure |
|--------------------------------|------------------------------------|------------------------------------|
| T80S300/450 | T80S300/450 | T80S600/1000/1200 |
| Design Pressure | 300/450 PSI | 600/1000/1200 PSI |
| Cyclic Test | 100,000 times | 100,000 times |
| Burst Pressure | 6 times of working pressure | 6 times of working pressure |
| Elements Quantity | 1-7 | 1-7 |
| Operating pH Range | pH 3-11 | pH 3-11 |
| Operating Temperature | -10°C-66°C (14°F - 150°F) | -10°C-66°C (14°F - 150°F) |
| Feed/Concentration Port | 1.5" | 1.5" |
| Permeate Port | 1" BSP | 1" BSP |

Feed/Concentration Port type Sideport S

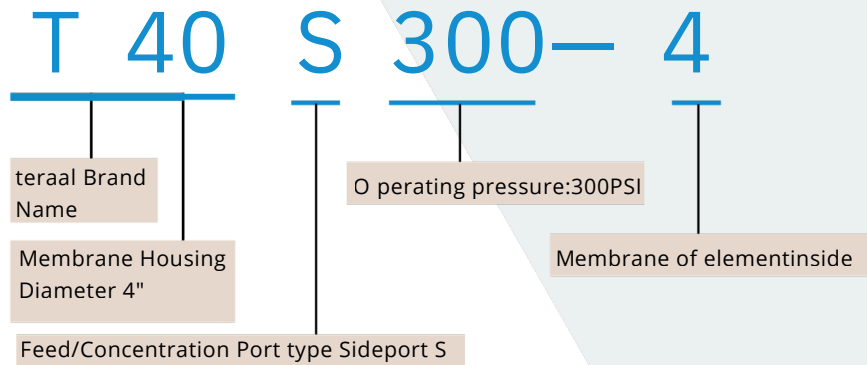
S40S SERIES FRP RO PRESSURE VESSEL

Low pressure (300 Psi/450 Psi)
For 1 - 4 membrane elements

High pressure (600 Psi/1000 Psi/1200 Psi)
For 1 - 4 membrane elements



Explanation of codes of teraal membrane pressure vessels:



All teraal FRP RO membrane housing will be strictly according to ASME BPVC-X Boilers and Pressure Vessels Code. Used for industrial waste water treatment, brackish water, seawater desalination RO plant and projects.

100% quality assurance test with 1.2 times hydrostatic pressure maintained for at least five minutes, so guarantee the safety and no leakage

Quality Assurance: 100,000 times cycle test, and burst test with 6 times of its design pressure.

Warranty:12 months

| Item | 4" side port / low pressure | 4" side port / high pressure |
|--------------------------------|------------------------------------|------------------------------------|
| Model | T40S300/450 | T40S600/1000/1200 |
| Design Pressure | 300 / 450 PSI | 600 / 1000 / 1200 PSI |
| Cyclic Test | 100,000 times | 100,000 times |
| Burst Pressure | 6 times of working pressure | 6 times of working pressure |
| Elements Quantity | 1 - 4 | 1 - 4 |
| Operating pH Range | pH 3 - 11 | pH 3 - 11 |
| Operating Temperature | -10°C ~ 66°C (14°F - 150°F) | -10°C ~ 66°C (14°F - 150°F) |
| Feed/Concentration Port | 1" | 1" |
| Permeate Port | 1/2" BSP | 1/2" BSP |

Feed/Concentration Port type Sideport S

S40E SERIES FRP RO PRESSURE VESSEL

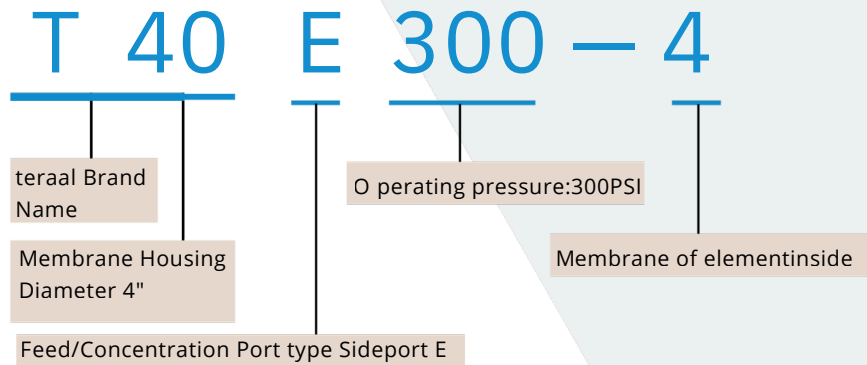
Low pressure (300 Psi/450 Psi)
For 1 - 4 membrane elements



High pressure (600 Psi/1000 Psi/1200 Psi)
For 1 - 4 membrane elements



Explanation of codes of teraal membrane pressure vessels:



All teraal FRP RO membrane housing will be strictly according to ASME BPVC-X Boilers and Pressure Vessels Code. Used for industrial waste water treatment, brackish water, seawater desalination RO plant and projects.

100% quality assurance test with 1.2 times hydrostatic pressure maintained for at least five minutes, so guarantee the safety and no leakage

Quality Assurance: 100,000 times cycle test, and burst test with 6 times of its design pressure.

Warranty:12 months

| Item | 4" side port / low pressure | 4" side port / high pressure |
|--------------------------------|------------------------------------|------------------------------------|
| Model | T40S300/450 | T40S600/1000/1200 |
| Design Pressure | 300 / 450 PSI | 600 / 1000 / 1200 PSI |
| Cyclic Test | 100,000 times | 100,000 times |
| Burst Pressure | 6 times of working pressure | 6 times of working pressure |
| Elements Quantity | 1 - 4 | 1 - 4 |
| Operating pH Range | pH 3 - 11 | pH 3 - 11 |
| Operating Temperature | -10°C ~ 66°C (14°F - 150°F) | -10°C ~ 66°C (14°F - 150°F) |
| Feed/Concentration Port | 3/4" | 3/4" |
| Permeate Port | 1/2" BSP | 1/2" BSP |

Feed/Concentration Port type Sideport S

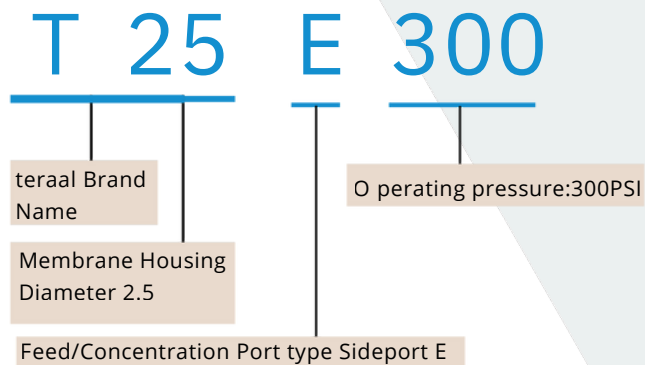
S25E SERIES FRP RO PRESSURE VESSEL

Low pressure (300 Psi/450 Psi)
For 2514/2521/2540 membrane

High pressure (600 Psi/1000 Psi/1200 Psi)
For 2514/2521/2540 membrane



Explanation of codes of teraal membrane pressure vessels:



All teraal FRP RO membrane housing will be strictly according to ASME BPVC-X Boilers and Pressure Vessels Code. Used for industrial waste water treatment, brackish water, seawater desalination, especially for watermaker on vesseles, boat and yacht.

100% quality assurance test with 1.2 times hydrostatic pressure maintained for at least five minutes, so guarantee the safety and no leakage.

Quality Assurance: 100,000 times cycle test, and burst test with 6 times of its design pressure

Warranty:12 months

| Item | 4" side port / low pressure | 4" side port / high pressure |
|--------------------------------|------------------------------------|------------------------------------|
| Model | T40S300/450 | T40S600/1000/1200 |
| Design Pressure | 300 / 450 PSI | 600 / 1000 / 1200 PSI |
| Cyclic Test | 100,000 times | 100,000 times |
| Burst Pressure | 6 times of working pressure | 6 times of working pressure |
| Elements Quantity | 2514, 2521, 2540 | 2514, 2521, 2540 |
| Operating pH Range | pH 3-11 | pH 3-11 |
| Operating Temperature | -10°C-66°C (14°F - 150°F) | -10°C-66°C (14°F - 150°F) |
| Feed/Concentration Port | 1/4" | 1/4" |
| Permeate Port | 1/4" BSP | 1/4" BSP |